E UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:

Naoaki HORIUCHI et al.

Application No.: 09/817,245

Filed: 03/27/01

Title: AV INFORMATION PROCESSING UNIT AND INFORMATION RECORDING MEDIUM, IN WHICH AV INFORMATION PROCESSING PROGRAM IS RECORDED SO AS TO BE CAPABLE OF BEING READ BY COMPUTER

Commissioner for Patents U.S. Patent and Trademark Office Alexandria, VA 22314

Sir:

#### **CHANGE OF CORRESPONDENCE ADDRESS**

Please enter the correspondence address of this application as:

#### **Customer Number 55694**

A new power of attorney appointing the undersigned is being filed concurrently herewith. If there is any fee due in connection with the filing of this paper, please charge the fee to our Deposit Account No. 50-0573.

Respectfully submitted,

DRINKER, BIDDLE & REATH LLP

Dated: January 18, 2006

By:

Peter J. Sistare

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## PATENT ATTORNEY DOCKET NO. 041465-5104

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Commissioner for Patents U. S. Patent and Trademark Office Alexandria, VA 22314

Sir:

# SUBMISSION OF REVOCATION OF ORIGINAL POWER OF ATTORNEY AND GRANT OF NEW POWER OF ATTORNEY

Enclosed is a copy of the Revocation of Original Power of Attorney and Grant of New Power of Attorney by the Assignee.

By:

If there is any fee due in connection with the filing of this paper, please charge the fee to our Deposit Account No. 50-0573.

Respectfully submitted,

DRINKER, BIDDLE & REATH LLP

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Commissioner for Patents Washington, D.C. 20231

### REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b), PIONEER CORPORATION, a Japanese corporation, certifies that it is an assignce of the patent applications and issued patents identified in the following chart by virtue of respective Assignment documents for each listed application and patent from the inventor(s) to PIONEER CORPORATION submitted to the U.S. Patent and Trademark Office. The dates on which the assignments were submitted and the reel/frame numbers at which the assignments were recorded are indicated in the chart below when known.

Filing Date	Attorney Docket	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
Date	No.				
05/23/95	041465-0002	08/450,952	5,697,080	12/09/97	07/06/95; 7545/0112
11/02/94	041465-5003	08/333,326	5,600,615	02/04/97	11/02/94; 7191/0280
10/13/95	041465-5004	08/543,083	5,734,631	03/31/98	10/13/95: 7837/0471
02/01/96	041465-5007	08/595,196	5,757,742	05/26/98	02/01/96; 7861/0266
03/26/98	041465-5007-01	09/048,217	5,910,937	06/08/99	02/01/96; 7861/0266
03/06/96	041465-5008-01	08/611,753	5,892,748	04/06/99	03/06/96;7913/0363
03/29/96	041465-5009	08/623,821	5,703,864	12/30/97	03/29/96; 7939/0077
06/27/96	041465-5012	08/670,533	5,886,965	03/23/99	06/27/96; 8071/0759
06/28/96	041465-5013	08/671,652	5,758,008	05/26/98	06/28/96; 8068/0555
07/02/96	041465-5014	08/677,452	5,636,186	06/03/97	07/02/96; 8082/0131
07/03/96	041465-5015	08/675,016	5,892,983	04/06/99	07/03/96; 8087/0944
07/09/96	041465-5016	08/677,196	5,787,222	07/28/98	07/09/96; 8107/0515
06/02/98	041465-5016-01	09/088,379	6,160,951	12/12/00	07/09/96; 8107/0515
01/12/99	041465-5017-01	08/747,666	5,978,347	11/02/99	11/12/96; 8314/0092
08/18/99	041465-5017-02	09/376,295	6,175,545	01/16/01	11/12/96; 8314/0092
11/13/96	041465-5018	08/748,029	5,729,522	03/17/98	11/12/96; 8315/0887
01/30/97	041465-5019	08/791,316	5,886,970	03/23/99	10/10/97; 8743/0042
04/26/00	041465-5020-01	08/806,458	6,236,804	05/22/01	09/30/97; 8757/0863
04/02/01	041465-5020-02	09/822,259	6,741,797	05/25/04	09/30/97; 8757/0863

Filing	Attorney Docket	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Framc
Date 03/27/02	No. 041465-5020-03	10/106,355			09/30/97; 8757/0863
02/26/97	041465-5021	08/806,459	6,006,004	12/21/99	09/30/97; 8757/0818
09/24/99	041465-5021-01	09/404.765	6,253,018	06/26/01	09/30/97; 8757/0818
02/12/01	041465-5021-02	09/780,384	6,396,997	05/28/02	09/30/97; 8757/0818
	041465-5021-03	10/101,333	0,370,777	03720702	09/30/97; 8757/0818
03/20/02			6.006.001	07/04/00	03/14/97; 8590/0393
03/14/97	041465-5022	08/816,941	6,085,021	<u> </u>	07/17/97; 8618/0444
03/06/97	041465-5023	08/812,882	6,108.486	08/22/00	<u> </u>
03/11/97	041465-5024	08/815,184	5,960,152	09/28/99	08/25/97; 8675/0804
3/13/97	041465-5025	08/816,686	6,148,138	11/14/00	03/13/97; 8440/0330
03/11/97	041465-5026	08/815,162	5,729,516	03/17/98	03/11/97; 8440/0113
09/29/98	041465-5027-01	08/815,956	6,031,962	02/29/00	03/13/97; 8457/0610
03/13/97	041465-5028	08/816,889	5,933,569	08/03/99	08/27/03; 14441/0983
03/17/97	041465-5029	08/819,861	5,805,537	09/08/98	09/05/97; 8696/0064
04/13/99	041465-5030-02	08/820,257	6,104,684	08/15/00	03/18/97; 8462/0522
04/28/00	041465-5030-03	09/559,971	6,757,483	06/29/04	03/18/97; 8462/0522
06/02/04	041465-5030-04	10/858,268			03/18/97; 8462/0522
03/17/97	041465-5031	08/822,157	6,091,674	07/18/00	09/30/97; 8757/0845
03/17/97	041465-5032	08/819,012	6,157,769	12/05/00	03/17/97; 8453/0647
08/17/00	041465-5032-01	09/639,887	6,501,903	12/31/02	12/09/03; 14178/0529
05/29/02	041465-5032-02	10/156,393			12/09/03; 14178/0529
03/17/97	041465-5033	08/819,011	6,014,495	01/11/00	03/17/97; 8453/0640
12/02/99	041465-5033-01	09/452,889	6,778,761	08/17/04	03/17/97; 8453/0640
06/27/03	041465-5034-03	10/606,831			03/28/02; 12713/0974
03/18/97	041465-5035	08/820,256	5,966,352	10/12/99	03/18/97; 8462/0495
03/20/97	041465-5036	08/825,560	5,889,746	03/30/99	03/20/97; 9333/0261
03/21/97	041465-5037	08/821,424	6,137,954	10/24/00	03/21/97; 8476/0385
08/30/00	041465-5038-01	08/822,457	6,212,330	04/03/01	03/21/97; 8465/0613
03/21/97	041465-5039	08/821,920	5,742,569	04/21/98	03/21/97; 8536/0356
04/01/97	041465-5040	08/831,716	6,088,506	07/11/00	09/05/97; 8696/0061
11/15/99	041465-5040-01	09/440,290	6,266,478	07/24/01	09/05/97; 8696/0061
05/23/01	041465-5040-02	09/862,457	6,567,612	05/20/03	09/05/97; 8696/0061
05/02/03	041465-5040-03	10/427,970			09/05/97; 8696/0061
10/12/99	041465-5041-01	08/834,806	6,215,952	04/10/01	09/12/97; 8696/0128
05/23/01	041465-5041-02	09/731,653			09/12/97; 8696/0128

Filing Date	Attorney Docket	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
04/07/97	No. 041465-5042	08/833,476	5,936,925	08/10/99	01/26/98; 9093/0410
06/20/97	041465-5043	08/879,969	6,058,087	05/02/00	06/20/97; 8661/0104
11/09/00	041465-5044-01	08/897,033	6,272,332	08/07/01	07/18/97; 8696/0425
11/09/00	041465-5044-02	09/708,503	6,526,285	02/25/03	07/18/87; 8689/0425
08/01/97	041465-5045	08/905,044	5,896,353	04/20/99	08/01/97; 8737/0950
08/20/97	041465-5046	08/915,649	5,815,472	09/29/98	08/20/97; 8771/0962
08/22/97	041465-5047	08/916,326	5,917,793	06/29/99	08/22/97; 8774/0518
09/02/97	041465-5048	08/921,460	5,985,792	11/16/99	09/02/97; 8785/0322
04/16/98	041465-5049	09/060,961	6,104,019	08/15/00	04/16/98; 9106/0391
06/19/98	041465-5050	09/100,098	5,991,244	11/23/99	06/19/98; 9263/0379
08/05/98	041465-5051	09/129,420	6,094,638	07/25/00	08/05/98; 9369/0435
11/27/98	041465-5052	09/200,428	6,272,082	08/07/01	11/25/98; 9617/0643
07/25/01	041465-5052-01	09/911,788	6,396,781	05/28/02	11/25/98; 9617/0643
04/09/02	041465-5052-02	10/118,234	6,574,187	06/03/03	11/25/98; 9617/0643
08/20/02	041465-5053-01	09/200,430			11/25/98; 9617/0619
12/23/98	041465-5054	09/219,778	6,198,085	03/06/01	12/23/98; 9679/0182
01/20/99	041465-5056	09/233,423	6,507,541	01/14/03	01/20/99; 9713/0689
07/22/02	041465-5056-01	10/199,019	6,680,890	01/20/04	01/20/99; 9713/0689
02/18/99	041465-5058	09/251,740	6,212,141	04/03/01	02/18/99; 9784/0616
03/08/99	041465-5059	09/263,851	6,219,309	04/17/01	03/08/99; 9820/0553
04/11/01	041465-5059-01	09/829,904	6,549,496	04/15/03	03/08/99; 9820/0553
02/28/03	041465-5059-02	10/375,009			03/08/99; 9820/0553
03/16/99	041465-5060	09/270,658	6,308,006	10/23/01	03/16/99; 9828/0089
08/31/01	041465-5060-01	09/942,584	6,760,540	07/06/04	03/16/99; 9828/0089
05/24/04	041465-5060-02	10/851,327			03/16/99; 9828/0089
03/12/99	041465-5061	09/266,780	6,850,690	02/01/05	03/12/99; 9818/0136
03/18/99	041465-5062	09/270,828	6,449,015	09/10/02	03/18/99; 9837/0870
03/19/99	041465-5063	09/271,990	6,343,055	01/29/02	07/16/99; 10234/0058
01/29/02	041465-5064-01	10/058,098	6,859,421	02/22/05	04/09/99; 9894/0803
07/24/02	041465-5064-02	09/288,641	6,687,211	02/03/04	04/09/99; 9894/0803
01/05/05	041465-5064-03	11/028,863			04/09/99; 9894/0803
04/09/99	041465-5065	09/288,643			04/09/99; 9894/0747
06/07/05	041465-5065-01	11/146,161			04/09/99; 9894/0747
10/05/99	041465-5067	09/412,309			10/05/99; 10302/0737

Page

Application Patent No. **Issue Date** Recordation Info. Filing Attorney Date; Reel/Framc Docket No. (if applicable) (if applicable) Date No. 08/27/02 10/28/99; 10353/0608 041465-5068 09/428,943 6,442,111 10/28/99 10/28/99; 10353/0406 10/28/99 041465-5069 09/429,559 6,411,576 06/25/02 6,381,206 04/30/02 10/29/99; 10459/0429 10/29/99 09/429,615 041465-5070 05/27/03 11/24/99; 10431/0851 11/24/99 041465-5071 09/444,719 6,571,055 06/10/03 11/23/99; 10432/0520 11/23/99 041465-5072 09/447,416 6,577,589 09/482,918 04/08/03 01/14/00; 10524/0952 041465-5073-01 6,545,965 11/05/02 08/07/01 01/24/00; 10585/0960 01/24/00 041465-5075 09/490,870 6,272,105 11/26/02 03/17/00; 10698/0247 03/17/00 041465-5076 09/527,457 6,487,160 041465-5077 04/14/00 09/550,078 06/06/00 041465-5078 09/588,660 6,370,097 04/09/02 06/06/00; 10877/0939 12/27/99; 10502/0467 12/27/99 09/472,504 6,879,771 04/12/05 041465-5079 06/27/00; 10934/0044 06/27/00 041465-5081 09/604,398 06/30/00; 10975/0295 06/30/00 041465-5082 09/608,962 6,674,706 01/06/04 07/27/00; 11054/0149 07/27/00 041465-5083 09/627,304 08/17/00; 11054/0596 04/08/03 08/17/00 041465-5084 09/639,888 6,546,258 08/18/00 041465-5085 09/640,779 6,552,983 04/22/03 08/18/00; 11054/0811 09/18/00; 11328/0811 09/08/00 041465-5086 09/658,877 09/08/00 041465-5087 09/657,805 6,701,468 03/02/04 09/08/00; 11146/0366 02/05/02 09/28/00; 11209/0620 09/28/00 041465-5088 09/617,112 6,345,033 10/04/00; 11210/0377 09/679,049 10/04/00 041465-5089 09/689,825 6,434,091 08/13/02 10/13/00; 11282/0737 10/13/00 041465-5090 07/01/03 10/13/00; 11282/0737 10/196.250 07/17/02 041465-5090-01 6,587,428 09/697,738 6,560,174 05/06/03 10/27/00; 11266/0377 10/27/00 041465-5091 04/29/03 12/07/00; 11359/0649 12/07/00 041465-5092 09/730,797 6,556,920 12/13/00; 11362/0007 09/734,678 6,876,922 04/05/05 12/13/00 041465-5093 05/18/04 12/14/00; 11382/0687 12/14/00 041465-5094 09/735,514 6,738,710 02/04/03 12/22/00: 11406/0723 12/22/00 041465-5095 09/742,328 6,516,269 04/27/04 12/28/00; 11413/0666 12/28/00 041465-5096 09/749,177 6,728,181 04-29-03 02/28/01; 11578/0103 02/28/01 041465-5097 09/794,115 6,556,302 02/27/01; 11576/0534 02/27/01 041465-5098 09/793,583 6,449,222 09/10/02 03/01/01; 11584/0128 03/01/01 09/795,346 041465-5099 04/08/03 03/20/01; 11632/0090 03/20/01 041465-5100 09/811,624 6,545,956 08/24/04 03/14/01; 11631/0756 03/14/01 041465-5101 09/805,361 6,781,637 03/28/01; 11646/0731 09/818,632 03/28/01 041465-5102

Please correct the Serial Number to read "09/691, 112."

Filing	Attorney Docket	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
Date	No.	110.	(ii applicable)	(ii applicable)	
03/27/01	041465-5103	09/817,246			03/27/01; 11662/0358
03/27/01	041465-5104	09/817,245			03/27/01; 11662/0366
03/29/01	041465-5105	09/819,978	6,757,229	06/29/04	07/05/01; 11948/0188
04/03/01	041465-5106	09/823,980	6,724,703	04/20/04	04/03/01; 11678/0508
01/23/04	041465-5106-01	10/762,313			04/03/01; 11678/0508
04/04/01	041465-5107	09/824,717	6,885,773	04/26/05	04/04/01; 11677/0573
04/05/01	041465-5108	09/826,009			04/05/01; 11691/0098
04/20/01	041465-5109	09/838,259			. 04/20/01; 11734/0748
04/27/01	041465-5110	09/846,557	RE38602	09/28/04	06/24/96: 8079/0950
05/09/01	041465-5111	09/851,391		,	05/09/01; 11792/0359
06/27/01	041465-5112	09/891,470			06/27/01; 11941/0266
07/09/01	041465-5113	09/900,152	6,898,160	05/24/05	07/09/01; 11973/0809
07/25/01	041465-5114	09/911,424	6,813,237	11/02/04	07/25/01; 12019/0788
12/10/03	041465-5114-01	10/730,981			07/25/01; 12019/0788
08/08/01	041465-5115	09/924,055			
08/15/01	041465-5116	09/929,108			08/15/01; 12084/0016
08/15/01	041465-5117	09/929,109			08/15/01; 12084/0013
08/15/01	041465-5118	09/929,110			08/15/01; 12082/0907
09/14/01	041465-5119	09/951,437			09/14/01; 12173/0927
09/19/01	041465-5120	09/955,117	6,657,939	12/02/03	09/19/01; 12182/0825
09/19/01	041465-5121	09/955,239	6,804,187	10/12/04	09/19/01; 12181/0564
10/01/01	041465-5122	09/966,066			10/01/01; 12221/0632
10/02/01	041465-5123	09/968,502			10/02/01; 12226/0483
10/12/01	041465-5124	09/974,825	6,735,153	05/11/04	10/12/01; [2254/0764
02/17/04	041465-5124-01	10/778,213			10/12/01; 12254/0764
11/06/01	041465-5126	09/985,836			11/06/01; 12299/0153
11/23/01	041465-5128	09/990,372			11/23/01; 12321/0008
11/23/01	041465-5129	09/990,343			11/23/01; 12320/0875
08/10/04	041465-5129-01	10/914,267			11/23/01; 12320/0875
08/10/04	041465-5129-02	10/914,266			11/23/01; 12320/0875
08/10/04	041465-5129-03	10/914,186			11/23/01; 12320/0875
12/17/01	041465-5130	10/015,895			12/17/01; 12389/0133
12/26/01	041465-5131	10/025,809			12/26/01; 12397/0745
12/26/01	041465-5132	10/025,810	6,738,212	05/18/04	12/26/01; 12397/0885

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Application Filing Attorney Patent No. Issue Date Recordation Info. (if applicable) Docket (if applicable) Date; Reel/Frame No. Date No. 10/041,473 01/10/02; 12460/0908 01/10/02 041465-5133 041465-5134 01/30/02 10/058,857 04/12/05 01/30/02; 12543/0972 6,880,164 01/30/02; 12543/0972 10/29/04 041465-5134-01 10/975,549 10/975,421 01/30/02; 12543/0972 10/29/04 041465-5134-02 02/08/02 041465-5135 10/068,024 02/08/02; 12671/0504 10/067,770 01/04/05 02/08/02 041465-5136 6,839,313 02/08/02; 12578/0435 02/14/02 041465-5139 10/073,867 02/14/02; 12599/0077 02/19/02 10/076,602 02/19/02; 12620/0576 041465-5140 02/27/02 041465-5141 10/083,648 6,678,165 01/13/04 02/27/02; 12643/0297 10/20/03 041465-5141-01 10/687,704 02/27/02; 12643/0297 03/06/02 041465-5142 10/091,332 03/06/02; 12672/0990 03/12/02 041465-5143 10/094,621 03/12/02; 12694/0425 03/26/02 041465-5145 10/105,946 03/26/02; 12739/0388 04/10/02; 12791/0619 04/10/02 10/119,117 041465-5146 06/09/04 041465-5146-01 10/863,236 04/10/02; 12791/0619 02/10/04 04/17/02; 12812/0702 10/123,884 6,690,574 04/17/02 041465-5147 04/25/02 041465-5148 04/25/02; 12838/0574 10/131,217 08/01/02; 13217/0279 05/02/02 041465-5149 10/136,445 02/03/04 05/06/02; 12870/0965 05/06/02 041465-5150 10/138,638 6,687,204 10/138,779 6,907,611 06/14/05 05/06/02; 12869/0104 05/06/02 041465-5151 05/15/02; 12907/0301 12/02/03 05/15/02 041465-5152 10/144,864 6,657,482 05/16/02; 12907/0532 09/16/03 041465-5153 10/145,812 6,621,436 05/16/02 05/09/02; 12892/0022 041465-5154 10/141,081 6,700,519 03/02/04 05/09/02 06/26/02; 13058/0275 06/26/02 041465-5155 10/179,890 06/25/02; 13058/0214 06/25/02 041465-5156 10/178,473 06/25/02; 13058/0231 06/25/02 041465-5157 10/178,729 09/12/02; 13298/0004 06/12/02 10/166,727 041465-5158 09/12/02; 13294/0581 06/12/02 041465-5159 10/166,718 06/26/02; 13060/0921 06/28/02 041465-5160 10/183,162 6,888,516 05/03/05 06/26/02 041465-5161 10/179,889 06/26/02; 13058/0347 07/16/02 041465-5162 10/195,809 07/16/02; 13112/0820 09/03/02; 13263/0114 10/12/04 09/03/02 041465-5164 10/233,113 6,804,590 12/03/02; 13550/0712 09/06/02 041465-5165 10/235,853 09/11/02; 13281/0585 09/11/02 041465-5166 10/238,619

Filing Date	Attorney Docket	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
09/11/02	No. 041465-5167	10/238,617			09/11/02; 13281/0519
09/24/02	041465-5168	10/252.571	6,822,210	11/23/04	09/24/02; 13322/0417
09/13/02	041465-5169	10/242,673	0,022,210	11/25/04	12/11/02; 13576/0043
09/13/02	l	1			09/26/02; 13337/0624
	041465-5170	10/254,766			<u> </u>
12/06/02	041465-5173	10/313.015			12/06/02; 13556/0595
01/10/03	041465-5174	10/339,664			06/09/03; 14158/0657
02/10/03	041465-5176	10/360,707			02/10/03; 13754/0739
02/27/03	041465-5177	10/374,093			02/27/03; 13829/0953
10/31/03	041465-5179	10/398,183	<u> </u>		10/31/03; 14721/0153
03/30/05	041465-5179-01	11/092,827			10/31/03; 14721/0153
03/31/03	041465-5180	10/401,687			03/31/03; 13929/0488
04/08/03	041465-5181	10/408,279	6,937,547	08/30/05	04/08/03; 13969/0448
04/14/03	041465-5182	10/412,691			08/20/03; 14417/0092
04/16/03	041465-5183	10/414,312			04/16/03; 13978/0775
04/15/03	041465-5184	10/413,546			04/15/03; 13982/0028
04/16/03	041465-5185	10/413,999			04/16/03; 13978/0779
04/16/03	041465-5186	10/414,503	6,781,526	08/24/04	09/17/03; 14508/0558
04/21/03	041465-5187	10/419,259			04/21/03; 13991/0038
05/19/03	041465-5188	10/440,326			05/19/03; 14104/0450
06/05/03	041465-5189	10/433,565			06/05/03; 14478/0119
06/20/03	041465-5190	10/465,893	6,873,275	03/29/05	06/20/03; 14211/0106
06/16/03	041465-5191	10/461,511			06/16/03; 14187/0504
06/24/03	041465-5192	10/602,033			06/24/03; 14228/0476
07/02/03	041465-5193	10/610,695			07/02/03; 14270/0624
07/17/03	041465-5194	10/620,802			12/02/03; 14750/0354
08/27/03	041465-5195	10/648,345			08/27/03; 14441/0983
08/26/03	041465-5196	10/647,589			08/26/03; 14430/0664
08/28/03	041465-5197	10/649,858			08/28/03; 14449/0435
08/29/03	041465-5198	10/650,996			08/29/03: 14471/0669
09/22/03	041465-5199	10/664,897			09/22/03; 14526/0282
09/16/03	041465-5200	10/662,387			09/16/03; 14514/0365
09/30/03	041465-5201	10/673,515			09/30/03; 14550/0442
10/07/03	041465-5202	10/679,430			11/19/02; 13503/0897
10/07/03	041465-5203	10/679,361	6,845,078	01/18/05	10/07/03; 14593/0813

Filing	Attorney Docket	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
Date	No.		(		
10/15/03	041465-5204	10/686,283		:	10/15/03; 14618/0175
10/27/03	041465-5205	10/475,916			10/27/03; 15154/0840
10/15/03	041465-5206	10/684,500			10/15/03; 14614/0689
10/23/03	041465-5207	10/690,506			10/23/03; 14632/0387
10/24/03	041465-5208	10/691,709			10/24/03; 14633/0783
10/29/03	041465-5209	10/694,946			10/29/03; 14660/0609
05/21/99	041465-5210	09/315,980	6,889,002	05/03/05	08/13/99; 10165/0113
10/30/03	041465-5211	10/695,955			10/30/03; 14660/0472
11/17/03	041465-5212	10/713,038			11/17/03; 14712/0648
11/18/03	041465-5213	10/714,625			11/18/03; 14711/0312
12/02/03	041465-5214	10/724,626			12/02/03; 14767/0800
01/09/04	041465-5215	10/753,533			01/09/04; 14880/0142
01/09/04	041465-5216	10/753,450			01/09/04; 14888/0185
03/05/04	041465-5217	10/793,252			03/05/04; 15064/0475
02/23/04	041465-5218	10/782,868			02/23/04; 15013/0176
03/12/04	041465-5219	10/798,944			03/12/04; 15095/0032
04/15/04	041465-5220	10/824,589			10/21/04; 15222/0965
04/15/04	041465-5221	10/824,595			04/15/04; 15222/0972
04/07/04	041465-5222	10/819,106			04/07/04; 15189/0134
04/08/04	041465-5223	10/820,225			08/23/04; 15731/0147
05/07/04	041465-5224	10/840,257			05/07/04; 15307/0136
04/23/04	041465-5225	10/830,221			04/23/04; 15260/0754
05/07/04	041465-5226	10/840,479			05/07/04; 15316/0959
05/07/04	041465-5227	10/840,513			07/11/02; 13105/0660
05/12/04	041465-5228	10/495,216			05/12/04; 16128/0470
06/02/04	041465-5229	10/858,383	`		06/02/04; 15447/0777
07/23/04	041465-5230	10/896,883			07/23/04; 15616/0654
07/22/04	041465-5231	10/895,944			07/22/04; 15615/0967
07/23/04	041465-5232	10/896,878			07/23/04; 15616/0663
07/28/04	041465-5233	10/900,327			07/28/04; 15630/0331
07/28/04	041465-5234	10/900,328			07/28/04; 15631/0327
08/09/04	041465-5235	10/913,504	,		11/15/04; 15992/0207
08/09/04	041465-5236	10/913,492		-	11/15/02; 15992/0214
08/23/04	041465-5237	10/922,827			08/23/04; 15719/0015

Page : 9

Filing	Attorney Docket	Application No.	Patent No. (if applicable)	Issue Date (if applicable)	Recordation Info. Date; Reel/Frame
Date	No.	1.0.	(ii uppiicabie)	(it applicable)	, and the same of
09/17/04	041465-5238	10/942,847			09/07/04; 15805/0136
08/27/04	041465-5239	10/927,527			11/19/04; 16008/0534
09/03/04	041465-5240	10/506,506			09/30/04; 16266/0320
09/03/04	041465-5241	10/506,515			09/03/04; 16294/0223
09/03/04	041465-5242	10/506,503			09/03/04; 16415/0281
09/03/04	041465-5243	10/506,527			09/03/04; 16233/0604
09/20/04	041465-5244	10/944,047			09/20/04; 15812/0565
09/14/04	041465-5245	10/939,435			09/14/04; 15795/0141
09/29/04	041465-5246	10/951,895			09/29/04; 15850/0215
10/12/04	041465-5247	10/961,141			10/12/04; 15885/0664
10/05/04	041465-5248	10/957,979			10/05/04; 15874/0974
10/13/04	041465-5249	10/962,757			12/09/04; 16061/0890
11/02/04	041465-5250	10/978,418			11/02/04; 15949/0427
11/23/04	041465-5251	10/994,653			
11/10/04	041465-5252	10/984,757			****
11/23/04	041465-5253	10/995,088			
12/01/04	041465-5254	10/999,962			
02/24/05	041465-5255	10/525,527			
01/10/05	041465-5256	10/520,665			
02/14/05	041465-5257	10/524,414			
02/25/05	041465-5258	10/525,641			
02/18/05	041465-5259	11/060,780			
02/25/05	041465-5260	11/066,003			
03/14/05	041465-5261	11/078,700			
03/22/05	041465-5262	11/085,130			
03/23/05	041465-5263	11/086,669			
03/29/05	041465-5264	11/091,716			
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The undersigned, whose title is supplied below, is empowered to act on behalf of the assignce.

2005年12月21日 14時02分

Assignee: PIONEER CORPORATION

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Acting on behalf of the assignee, the undersigned hereby revokes all powers of attorney previously granted in these applications and patents and appoints:

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with full power of substitution and revocation, to prosecute the applications and to transact all business in the United States Patent and Trademark Office connected with these patent applications and issued patents.

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